



Gp/2826.

#13/Am4c

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application of :  
Sumio KOIWA :  
Serial No. 09/638,194 : Group Art Unit: 2826  
Filed: August 11, 2000 : Examiner: Johannes P. Mondt  
For: PHOTODIODE : Docket No. S004-4061 (RCE)

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COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

RESPONSE

S I R:

In response to the Office Action dated August 14, 2002, applicant amends his application as follows:

IN THE CLAIMS:

Kindly amend claim 1 as follows:

1. (Thrice Amended) A photodiode comprising: an optical detection portion for detecting an optical signal and outputting a photoelectric conversion signal, the optical detection portion having a semiconductor substrate of a first conductive type, a plurality of semiconductor layers of a

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